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**APLIO 500 PLATINUM  
ULTRASOUND SYSTEM**

APLIO 500 PLATINUM ULTRASOUND  
IMAGING SYSTEM

DICOM

QUICK ASSIST PROTOCOLS

AUTO NT

MULTI-FREQUENCY WIDE  
FOOTPRINT LINEAR TRANSDUCER  
(14L5)

INTRAOPERATIVE LINEAR  
TRANSDUCER (14L7)

MULTI-FREQUENCY LINEAR  
TRANSDUCER, SMALL PARTS (18L7)

MULTI-FREQUENCY LINEAR  
INTRAOPERATIVE TRANSDUCER  
(11LI4)

MULTI-FREQUENCY CONVEX  
TRANSDUCER (6C1)

MULTI-FREQUENCY MICRO-CONVEX  
TRANSDUCER (6MC1)

BIOPSY GUIDE ADAPTOR FOR PVT-  
375MV TRANSDUCER

SMART FUSION IMAGING PACKAGE  
FOR APLIO 500 PLATINUM

SMART FUSION MOUNTING KIT

SMART FUSION IMAGING KIT

FUSION BRACKET FOR PVT-382BT/FS

FUSION BRACKET FOR PLT-1005BT

SUPERB MICROVASCULAR IMAGING  
(SMI)

PANORAMIC VIEW

WIRELESS LAN KIT

FOOT SWITCH

GEL WARMER

## **APLIO 500 PLATINUM ULTRASOUND SYSTEM**

Toshiba's flagship ultrasound system, the Aplio™ 500 Platinum system, transform the delivery of care from diagnosis to intervention; improving clinical quality and patient experience. The system features industry-first imaging and visualization capabilities and delivers exceptional image quality to sophisticated ergonomics that elevate efficiency to the highest levels.

### **STANDARD COMPONENTS**

- Aplio 500 Platinum Ultrasound Imaging System
- 19" LED monitor with articulated arm and handle
- Programmable, touch-command screen
- iStyle™+ Productivity Suite
  - Quick Assist Protocols
  - Quick Start Presets
- OBR for OB
- Built-in DVD/CD drive with writer
- Four active transducer ports provide convenient transducer access
- Six transducer holders
- 5 USB Ports
- Support of Windows 7

### **STANDARD IMAGING FEATURES**

- ApliPure+™
- Advanced Dynamic Flow™ (ADF)
- Auto-Intima Media Thickness (A-IMT)
- Biopsy Enhance Auto Mode (BEAM)
- Differential Tissue Harmonic Imaging (D-THI)
- Precision Imaging
- Tissue Doppler Imaging (TDI)
- Trapezoid Imaging
- Tissue Specific Optimization (TSO)

### **Connectivity**

Extensive communication and data management capabilities enable seamless integration into hospital and research environments including the following DICOM functions:

- Media Storage
- Verification
- Storage
- Print
- Storage Commitment
- MULTI FRAME (Network Transfer)
- MWM (Modality Worklist Management)
- Query/Retrieve
- MPPS (Modality Performed Procedure Step)
- Structured Reporting

### **Image Maker Express**

Image Maker Express is an online marketing resource that helps Toshiba customers build demand for imaging service by growing their referring physician and patient relationships. Image Maker Express includes:

- Easy-to-use marketing resources and tools developed exclusively for Toshiba customers to bring together effective marketing strategies and tactics.

- A wealth of collaterals and content to create high-quality brochures, print ads and more to help market the Toshiba customer's new imaging capabilities.

Image Maker Express Materials available include:

- Product images and logos
- Clinical images and videos
- PowerPoint presentations and promotional videos
- Brochure samples
- Customizable press releases and media tips
- Marketing strategy tutorials

*\*Offerings may vary per product*

### **APPLICATIONS SUPPORT**

Developed with customer input, Toshiba's innovative support programs have resulted in increased customer satisfaction. These include the following:

#### **Technical Assistance**

Customer support specialists are available 24/7 to help resolve technical issues in real time. Application support specialists are also available to assist staff with protocol and image-quality issues.

#### **Local Customer Teams**

A single call mobilizes a local team of Toshiba customer engineers. With an average of 10 years of Toshiba experience and 105 hours of specialized training, they can resolve almost any performance issue.

#### **Parts Support**

A complete inventory of product parts is ready for shipment when and where they are needed, any time of day or night.

**Training**

Included with the purchase of Aplio is training conducted by Toshiba applications specialists registered with the American Registry of Diagnostic Medical Sonographers (ARDMS).

Training includes:

- Two days of on-site applications training
- One day of on-site follow-up applications training

**Clinical Education Program**

Toshiba customers receive access to the CME resources on SonoWorld via SonoBucks vouchers. Toshiba makes the SonoBucks vouchers available as an add-on to equipment and service sales, allowing customers to make a one-stop purchase of both products and education.

The training is offered to the Customer at no charge, providing that it is completed no later than one (1) year after the warranty start date.

**Additional On-Site Training**

Available for purchase.

## **APLIO 500 PLATINUM ULTRASOUND IMAGING SYSTEM**

### **DICOM**

Supports a variety of timed and gated multi-frame DICOM capabilities including:

- Verification SCU/SCP
- Storage SCU
- Modality Worklist Management SCU to support operations with HIS/RIS systems
- Storage SCU to allow studies to be stored to Aplio from remote systems such as Storage Commitment SCU and MPPS SCU workflow management and data

### **QUICK ASSIST PROTOCOLS**

Enables automated workflow when performing complex ultrasound exams. Featuring one-click operation, Quick Assist helps increase consistency and maintain standards from start-to-finish and patient-to-patient.

### **AUTO NT**

### **MULTI-FREQUENCY WIDE FOOTPRINT LINEAR TRANSDUCER (14L5)**

Multi-frequency linear transducer with wider field of view (58 mm) for:

- Breast/Small parts/MSK
- Small parts
- Musculoskeletal

Imaging Frequencies : 12.0/10.0/7.0/T11.0/T9.0/T7.0 MHz

D-THI Frequencies : 14.0/10.0 MHz

Color Frequencies: 7.0/6.0/5.0 MHz

Doppler Frequencies : 7.0/6.0/5.0 MHz

*Prerequisite: V3.0 or later*

### **INTRAOPERATIVE LINEAR TRANSDUCER (14L7)**

Multi-frequency for:

- Intraoperative
- Musculoskeletal
- Small parts
- Imaging Frequencies : 14.0/12.0/10.0/8.0/7.0T14.0/T12.0/T10/T8/T7 MHz
- Doppler Frequencies : 8.8/8.0/7.2./6.6/6.1 MHz

### **MULTI-FREQUENCY LINEAR TRANSDUCER, SMALL PARTS (18L7)**

For:

- Small parts
- Breast
- Musculoskeletal
- Vascular (Doppler)

**Model:** PLT-1204BT

**Imaging Frequencies:** 14.0/12.0/9.3/8.0/7.2/T14.0/T12.0/T10.0/T8.0/T7.0 MHz

**D-THI Frequencies:** 18.0/14.0/13.0 MHz

**Doppler Frequencies:** 10.0/8.9/8.8/7.3/7.2/6.2/6.1/5.3 MHz

**Applicable modes:** B/PS-THI/D-THI/CDI/TDI/ADF/PWD/ApliPure/ApliPure+

**Biopsy adapter:** Same as for PLT-1204AT: CIVCO 680-088 (TG-4)

*Prerequisite: Differential Tissue Harmonic Imaging (DTHI) required for 18MHz frequency*

*Note: DTHI and 18MHz frequency is not available on Viamed Systems*

### **MULTI-FREQUENCY LINEAR INTRAOPERATIVE TRANSDUCER (11LI4)**

Intra-operative/surgical transducer

- Imaging Frequencies: 11.0/10.0/8.0/6.0/4.0/T8.4/T7.6/T6.6/T5.8/T5.0
- Doppler Frequencies: 7.2/6.2/5.3/5.0/4.2/3.8 MHz
- Applicable modes: B/PS-THI/CHI/ ADF/PWD/ ApliPure/ ApliPure+

### **MULTI-FREQUENCY CONVEX TRANSDUCER (6C1)**

Specifications:

- 192 elements; 70 degree FOV; 50 mm radius
- Imaging frequencies:  
6.0/5.0/4.0/2.8/1.9/T6.0/T5.5/T5.0/T4.0/T3.0 MHz
- D-THI frequencies: 5.0 MHz
- Doppler frequencies: 3.6/3.1/3.0/2.5/2.2/1.8

### **MULTI-FREQUENCY MICRO-CONVEX TRANSDUCER (6MC1)**

With PS-THI and differential tissue harmonic imaging for:

- Abdominal
- OB/GYN

Specifications:

- 128 elements, 80 degree FOV, 20 mm radius
- Fundamental B-mode frequencies: 5.5/4.5/3.7/2.5/1.8 MHz
- PS-THI frequencies: T5.0/T4.4/T3.8/T3.4/T2.8 MHz
- Doppler frequencies: 3.6/3.1/3.0/2.5/2.2/1.8 MHz
- D-THI frequency: 5.0 MHz

### **BIOPSY GUIDE ADAPTOR FOR PVT-375MV TRANSDUCER**

Biopsy adaptor for PVT-375MV. Supports 12 - 22 gauge needles. This biopsy adaptor is used as a guide for biopsy procedures while observing cross-sectional ultrasound images.

The main applications are listed below:

- Guide for the collection of tissues, cells, *etc.*
- Guide for the regional administration of pharmaceutical agents
- For 2-D biopsy only

#### **SMART FUSION IMAGING PACKAGE FOR APLIO 500 PLATINUM**

##### **SMART FUSION MOUNTING KIT**

Smart Fusion Mounting Kit. Includes magnetic sensor.

##### **SMART FUSION IMAGING KIT**

Smart Fusion imaging software.

##### **FUSION BRACKET FOR PVT-382BT/FS**

Fusion bracket for PVT-382BT/FS.

*Prerequisite: V2.1 or later*

##### **FUSION BRACKET FOR PLT-1005BT**

##### **SUPERB MICROVASCULAR IMAGING (SMI)**

Superb Microvascular Imaging (SMI) provides visualization of hemodynamics when imaging low velocity microvascular flow.

*Pre-requisite: Aplio 500 V4.0 or later*

##### **PANORAMIC VIEW**

- Allows for the evaluation of vessels, organs and anatomy in a large field-of-view.
- Provides for the collection of more comprehensive data sets for evaluating or identifying enlarged masses, soft tissue abnormalities and foreign bodies.
- Scans at a continuous speed without the need for probe attachments.

### **WIRELESS LAN KIT**

### **FOOT SWITCH**

Dual-pedal footswitch with user-configured functions.

### **GEL WARMER**